820 Payment Order/Remittance Advice

Functional Group ID=RA

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Notes:

1. This is the current standard for Federal Domestic Assistance payments made via the Automated Standard Application for Payments (ASAP) system of the Financial Management Service, US Treasury.

2. The total payment amount in one 820 transaction set represents the total amount paid to one Payment Requester on behalf of one or more Federal Program Agencies for distribution to one or more Recipient Organizations.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
5	010	ST	Transaction Set Header	M	1		
6	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
9	035	TRN	Trace	O	1		c1
Not Used	040	CUR	Currency	O	1		c2
10	050	REF	Reference Numbers	O	>1		
Not Used	060	DTM	Date/Time/Period	O	>1		
			LOOP ID - N1			>1	
11	070	N1	Name	O	1		c3
Not Used	080	N2	Additional Name Information	O	>1		
Not Used	090	N3	Address Information	O	>1		
Not Used	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Numbers	O	>1		
Not Used	120	PER	Administrative Communications Contact	O	>1		

Detail:

Page	Pos.	Seg.		Req.		Loop	Notes and

No.	No.	ID	Name	Des.	Max.Use	Repeat	Comments
			LOOP ID - ENT			>1	
13	010	ENT	Entity	O	1		c4
			LOOP ID - N1			>1	
15	020	N1	Name	O	1		c5
Not Used	030	N2	Additional Name Information	O	>1		
Not Used	040	N3	Address Information	O	>1		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Numbers	O	>1		
Not Used	070	PER	Administrative Communications Contact	O	>1		
			LOOP ID - ADX			>1	
Not Used	080	ADX	Adjustment	O	1		c6
Not Used	090	NTE	Note/Special Instruction	O	>1		
Not Used	100	PER	Administrative Communications Contact	O	>1		
Not Used	105	DTM	Date/Time/Period	O	1		
			LOOP ID - REF			>1	
Not Used	110	REF	Reference Numbers	O	1		
Not Used	120	DTM	Date/Time/Period	O	>1		
			LOOP ID - IT1			>1	
Not Used	130	IT1	Baseline Item Data (Invoice)	O	1		c7
			LOOP ID - REF			>1	
Not Used	140	REF	Reference Numbers	O	1		
Not Used	141	DTM	Date/Time/Period	O	1		
			LOOP ID - ITA			>1	
Not Used	142	ITA	Allowance, Charge or Service	O	1		
Not Used	143	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	144	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	145	REF	Reference Numbers	O	1		
Not Used	146	DTM	Date/Time/Period	O	>1		
			LOOP ID - ITA			>1	
Not Used	147	ITA	Allowance, Charge or Service	O	1		
Not Used	148	TXI	Tax Information	O	>1		
			LOOP ID - RMR			>1	
17	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		c8
Not Used	160	NTE	Note/Special Instruction	O	>1		
19	170	REF	Reference Numbers	O	>1		
Not Used	180	DTM	Date/Time/Period	O	>1		
			LOOP ID - IT1			>1	
20	190	IT1	Baseline Item Data (Invoice)	O	1		c9
			LOOP ID - REF			>1	
Not Used	200	REF	Reference Numbers	O	1		
Not Used	201	DTM	Date/Time/Period	O	1		

			LOOP ID - ITA			>1	
Not Used	202	ITA	Allowance, Charge or Service	O	1		
Not Used	203	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	204	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	205	REF	Reference Numbers	O	1		
Not Used	206	DTM	Date/Time/Period	O	>1		
			LOOP ID - ITA			>1	
Not Used	207	ITA	Allowance, Charge or Service	O	1		
Not Used	208	TXI	Tax Information	O	>1		
			LOOP ID - ADX			>1	
Not Used	210	ADX	Adjustment	O	1		c10
Not Used	220	NTE	Note/Special Instruction	O	>1		
Not Used	230	PER	Administrative Communications Contact	O	>1		
			LOOP ID - REF			>1	
Not Used	240	REF	Reference Numbers	O	1		
Not Used	250	DTM	Date/Time/Period	O	>1		
			LOOP ID - IT1			>1	
Not Used	260	IT1	Baseline Item Data (Invoice)	O	1		c11
			LOOP ID - REF			>1	
Not Used	270	REF	Reference Numbers	O	1		
Not Used	271	DTM	Date/Time/Period	O	1		
			LOOP ID - ITA			>1	
Not Used	272	ITA	Allowance, Charge or Service	O	1		
Not Used	273	TXI	Tax Information	O	>1		
			LOOP ID - SLN			>1	
Not Used	274	SLN	Subline Item Detail	O	1		
			LOOP ID - REF			>1	
Not Used	275	REF	Reference Numbers	O	1		
Not Used	276	DTM	Date/Time/Period	O	>1		
			LOOP ID - ITA			>1	
Not Used	277	ITA	Allowance, Charge or Service	O	1		
Not Used	278	TXI	Tax Information	O	>1		
			LOOP ID - TXP			>1	
Not Used	280	TXP	Tax Payment	O	1		
Not Used	285	TXI	Tax Information	O	>1		
			LOOP ID - LX			>1	
Not Used	290	LX	Assigned Number	O	1		
Not Used	295	REF	Reference Numbers	O	>1		
Not Used	300	TRN	Trace	O	>1		
			LOOP ID - NM1			>1	
Not Used	305	NM1	Individual or Organizational Name	O	1		
Not Used	310	REF	Reference Numbers	O	>1		

Not Used	315	G53	Maintenance Type	O	1
			LOOP ID - AIN		>1
Not Used	320	AIN	Income	O	1
Not Used	325	QTY	Quantity	O	>1
Not Used	330	DTP	Date or Time or Period	O	>1
			LOOP ID - PEN		>1
Not Used	335	PEN	Pension Information	O	1
Not Used	340	AMT	Monetary Amount	O	>1
Not Used	345	DTP	Date or Time or Period	O	>1
			LOOP ID - INV		>1
Not Used	350	INV	Investment Vehicle Selection	O	1
Not Used	355	DTP	Date or Time or Period	O	>1

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
23	010	SE	Transaction Set Trailer	M	1		

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).
6. This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
7. Loop IT1 within the ADX loop is the adjustment line item detail loop.
8. Loop RMR is for open items being referenced or for payment on account.
9. Loop IT1 within the RMR loop is the remittance line item detail loop.
10. This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
11. Loop IT1 within the ADX loop is the adjustment line item detail loop.

Segment:	**ST** **Transaction Set Header**	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**

Code uniquely identifying a Transaction Set

820   X12.4 Payment Order/Remittance Advice

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST02	329	**Transaction Set Control Number**	**M AN 4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

1) Contains the Entry Detail Sequence portion of the ACH Trace Number (7 positions).

2) Assigned by the Federal Reserve Bank of Richmond.

3) Must equal the value in data element SE02.

Segment:	**BPR** Beginning Segment for Payment Order/Remittance Advice	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	(1) To indicate the beginning of a PaymentOrder/Remittance Advice Transaction Set and total payment amount or (2) to enable related transfer of funds and/or information from payer to payee to occur	

Syntax Notes:	1	If either BPR06 or BPR07 is present, then the other is required.
	2	If BPR08 is present, then BPR09 is required.
	3	If either BPR12 or BPR13 is present, then the other is required.
	4	If BPR14 is present, then BPR15 is required.
	5	If either BPR18 or BPR19 is present, then the other is required.
	6	If BPR20 is present, then BPR21 is required.
Semantic Notes:	1	BPR02 specifies the payment amount.
	2	When using this transaction set to initiate a payment, BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
	3	BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
	4	BPR15 is the account number of the receiving company to be debited or credited with the payment order.
	5	BPR17 is a code identifying the business reason for this payment.
	6	BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
Comments:	1	BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPR01	305	**Transaction Handling Code**	**M ID 1/1**
			Code designating the action to be taken by all parties	
			C Payment Accompanies Remittance Advice	
Must Use	BPR02	782	**Monetary Amount**	**M R 1/15**
			Monetary amount	

1. Total payment amount to be credited to the Payment Requester's account at the receiving financial institution. Equal to the ACH entry detail total transaction amount.

2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when converted to NACHA format, e.g., 99999999.99.

Must Use   **BPR03**   **478**   **Credit/Debit Flag Code**   **M**   **ID 1/1**

Code indicating whether amount is a credit or debit

> C   Credit

Must Use   **BPR04**   **591**   **Payment Method Code**   **M**   **ID 3/3**

Code identifying the method for the movement of payment instructions

> ACH   Automated Clearing House (ACH)

Must Use   **BPR05**   **812**   **Payment Format Code**   **O**   **ID 1/10**

Code identifying the payment format to be used

> CTX   Corporate Trade Exchange (CTX) (ACH)

Must Use   **BPR06**   **506**   **(DFI) ID Number Qualifier**   **X**   **ID 2/2**

Code identifying the type of identification number of Depository Financial Institution (DFI)

> *Pertains to Originating DFI.*

> 01   ABA Transit Routing Number Including Check
>   Digits (9 digits)

Must Use   **BPR07**   **507**   **(DFI) Identification Number**   **X**   **AN 3/12**

Depository Financial Institution (DFI) identification number

> *Identifies the organization originating the payment, in this case, ASAP.*
> *Contains the ASAP ABA Number (05103680-3).*

Not Used   **BPR08**   **896**   **Account Number Qualifier Code**   **O**   **ID 2/2**

Code indicating type of bank account or other financial asset

Not Used   **BPR09**   **508**   **Account Number**   **X**   **AN 1/35**

Account number assigned

Must Use   **BPR10**   **509**   **Originating Company Identifier**   **O**   **AN 10/10**

A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9

> *1. Identifies ASAP as the originating company.*
>
> *2. Contains the 9-digit ABA Number for ASAP preceded by the number "9" to indicate a user assigned identifier.*

Not Used   **BPR11**   **510**   **Originating Company Supplemental Code**   **O**   **AN 9/9**

A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions

Must Use   **BPR12**   **506**   **(DFI) ID Number Qualifier**   **X**   **ID 2/2**

Code identifying the type of identification number of Depository Financial Institution (DFI)

> *Pertains to the Receiving DFI.*

> 01   ABA Transit Routing Number Including Check

<center>Digits (9 digits)</center>

Must Use	**BPR13**	**507**	**(DFI) Identification Number**	**X**	**AN 3/12**

Depository Financial Institution (DFI) identification number

> *1. Identifies the receiving DFI.*
>
> *2. Contains the 9-digit ABA Number for the Payment Requester's ACH DFI as indicated in the ASAP Payment Requester Profile.*

Must Use	**BPR14**	**896**	**Account Number Qualifier Code**	**O**	**ID 2/2**

Code indicating type of bank account or other financial asset

> *1. Identifies the type of account at the ACH DFI indicated in the Payment Requester Profile.*
>
> *2. BPR15 identifies the account number.*

DA	Demand Deposit
SG	Savings

Must Use	**BPR15**	**508**	**Account Number**	**X**	**AN 1/35**

Account number assigned

> *Identifies the Payment Requester's ACH bank account to be credited.*

Must Use	**BPR16**	**513**	**Effective Entry Date**	**O**	**DT 6/6**

Date the originating company intends for the transaction to be settled.

> *Indicates the Settlement Date in YYMMDD format.*

Not Used	**BPR17**	**1048**	**Business Function Code**	**O**	**ID 1/3**

Code identifying the business reason for this payment

Not Used	**BPR18**	**506**	**(DFI) ID Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of identification number of Depository Financial Institution (DFI)

Not Used	**BPR19**	**507**	**(DFI) Identification Number**	**X**	**AN 3/12**

Depository Financial Institution (DFI) identification number

Not Used	**BPR20**	**896**	**Account Number Qualifier Code**	**O**	**ID 2/2**

Code indicating type of bank account or other financial asset

Not Used	**BPR21**	**508**	**Account Number**	**X**	**AN 1/35**

Account number assigned

Segment:	**TRN** Trace
Position:	035
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To uniquely identify a transaction to an application
Syntax Notes:	
Semantic Notes:	**1** TRN02 provides unique identification for the transaction.
	2 TRN03 identifies an organization.
	3 TRN04 identifies a further subdivision within the organization.
Comments:	
Notes:	*This segment must be used in each ASAP 820. It allows for identification of the transaction sets for tracking purposes.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TRN01	481	**Trace Type Code**	**M ID 1/2**

Code identifying which transaction is being referenced

Pertains to the ACH Trace Number.

1	Current Transaction Trace Numbers

Must Use	TRN02	127	**Reference Number**	**M AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. Contains the ACH Trace Number.

2. Must contain all 15 positions to conform to NACHA format for identification of the transaction set within the banking community.

Not Used	TRN03	509	**Originating Company Identifier**	**O AN 10/10**

A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9

Not Used	TRN04	127	**Reference Number**	**O AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**REF** Reference Numbers	
Position:	050	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying numbers.	
Syntax Notes:	**1** At least one of REF02 or REF03 is required.	
Semantic Notes:		
Comments:		
Notes:	*This segment must be used at least once but not more than twice in each transaction set.*	
	One occurrence of this REF segment must contain the partial ASAP Sequence Number, which identifies the transaction within ASAP. This occurrence is required.	
	The other occurrence is optional. It contains the Requester Reference Number, an optional data element in ASAP for use at the Payment Requester's discretion.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

55	Sequence Number	
	Used for the required partial ASAP Sequence Number.	
EM	Electronic Payment Reference Number	
	Used for the optional Requester Reference Number.	

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF02	127	Reference Number	X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. When REF01 is 55, this element contains first four portions of the ASAP Sequence Number (Payment Request Date, Input Endpoint, Screen Sequence Number, and Payment Request Timestamp). (29 positions). The Payment Request Item Number is not included.

2. When REF01 is EM, this element contains the Requester Reference Number. (15 positions).

	Ref. Des.	Data Element	Name	Attributes
Not Used	REF03	352	Description	X AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**N1** **Name**
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*There must be two iterations of the N1 loop.*
	One iteration must identify the Payee - i.e., the Payment Requester.
	The other iteration must identify the Payer - i.e., ASAP.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N101**	**98**	**Entity Identifier Code**	**M ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

PE	Payee	
	The Payment Requester receiving the funds.	
PR	Payer	
	The ASAP system.	

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N102**	**93**	**Name**	**X AN 1/35**

Free-form name

1. If N101 is code PE, this element contains the Payment Requester Short Name as defined in the Payment Requester Profile. (10 positions).

2. If N101 is code PR, this element contains the literal, "Treasury/FMS -ASAP".

	Ref. Des.	Data Element	Name	Attributes
	N103	**66**	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1. If N101 is code PE, this element is required.

2. If N101 is code PR, this element is not used.

       93   Code assigned by the organization originating the

transaction set

| | **N104** | **67** | **Identification Code** | **X** | **AN 2/17** |

Code identifying a party or other code

1. If N101 is code PE, this element is required and contains the Payment Requester ID defined in ASAP (7 positions).

2. If N101 is code PR, this element is not used.

| **Not Used** | **N105** | **706** | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

| **Not Used** | **N106** | **98** | **Entity Identifier Code** | **O** | **ID 2/2** |

Code identifying an organizational entity, a physical location, or an individual

Segment:	# ENT Entity
Position:	010
Loop:	ENT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To designate the entities which are parties to a transaction and specify a reference meaningful to those entities
Syntax Notes:	**1** If any of ENT02 ENT03 or ENT04 is present, then all are required.
	2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
	3 If either ENT08 or ENT09 is present, then the other is required.
Semantic Notes:	
Comments:	**1** This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
	(1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
	(2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
	(3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
	(4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
	This segment also allows for the transmission of a unique reference number that is meaningful between the entities.
Notes:	*Identifies a Recipient Organization / Federal Program Agency combination. At least one ENT loop is required per transaction set.*
	There will be one or more RO/FPA combinations within a single payment transaction to a Payment Requester, and each RO/FPA combination will be represented by one ENT loop within the 820 transaction set. There will be one or more RMR loops within each ENT loop, where each RMR loop refers to a single ASAP account. The presence of only one RMR in an 820 indicates an individual payment, and multiple RMRs indicate a summary payment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	ENT01	554	Assigned Number	O	N0 1/6
			Number assigned for differentiation within a transaction set		
Must Use	ENT02	98	Entity Identifier Code	X	ID 2/2
			Code identifying an organizational entity, a physical location, or an		

individual

Indicates that the sending sub-entity is a Federal Program Agency,

| | | | 2R | Federal Facility | | |

Must Use	ENT03	66	**Identification Code Qualifier**		X	ID 1/2

Code designating the system/method of code structure used for
Identification Code (67)

Indicates the type of ID code of the sending sub-entity.

ZZ Mutually Defined

Must Use	ENT04	67	**Identification Code**		X	AN 2/17

Code identifying a party or other code

*Contains the required Agency Location Code (ALC) (8 positions) and
the optional Region (2 positions).*

Must Use	ENT05	98	**Entity Identifier Code**		X	ID 2/2

Code identifying an organizational entity, a physical location, or an
individual

Indicates that the receiving sub-entity is the Recipient Organization.

MA Party for whom Item is Ultimately Intended

Must Use	ENT06	66	**Identification Code Qualifier**		X	ID 1/2

Code designating the system/method of code structure used for
Identification Code (67)

Indicates the type of ID of the receiving sub-entity.

93 Code assigned by the organization originating the
transaction set

Must Use	ENT07	67	**Identification Code**		X	AN 2/17

Code identifying a party or other code

*Contains the Recipient Organization ID as defined within ASAP (7
positions). Identifies the organization granted Federal funds.*

Not Used	ENT08	128	**Reference Number Qualifier**		X	ID 2/2

Code qualifying the Reference Number.

Not Used	ENT09	127	**Reference Number**		X	AN 1/30

Reference number or identification number as defined for a particular
Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**N1** Name
Position:	020
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*There should be two iterations of this N1 loop within each ENT loop.*
	One iteration must identify the Federal Program Agency granting the funds (the sending sub-entity).
	The other iteration must identify the Recipient Organization which ultimately receives the Federal funds (the receiving sub-entity).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

1. Indicates the type of sending or receiving sub-entity.

2. For the sending sub-entity (the Federal Program Agency), the value of this element must equal the value of element ENT02.

3. For the receiving sub-entity (the Recipient Organization), the value of this element must equal the value of element ENT05.

2R	Federal Facility	
	Federal Program Agency	
MA	Party for whom Item is Ultimately Intended	
	Recipient Organization	

	Ref. Des.	Data Element	Name	Attributes
Must Use	N102	93	Name	X AN 1/35

Free-form name

1. If N101 is code 2R, this element contains the Federal Program Agency's short name as indicated in its ASAP Profile (10 positions).

2. If N101 is code MA, this element contains the Recipient

			Organization's short name as indicated in its ASAP Profile (10 positions).		
Not Used	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	N104	67	**Identification Code**	X	AN 2/17
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	**Entity Identifier Code**	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		

Segment:	**RMR** Remittance Advice Accounts Receivable Open Item Reference	
Position:	150	
Loop:	RMR	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail	
Syntax Notes:	1	If either RMR01 or RMR02 is present, then the other is required.
Semantic Notes:	1	If RMR03 is present, it specifies how the cash is to be applied.
Comments:	1	Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
	2	If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
	3	RMR04 is the amount paid.
	4	RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
	5	RMR06 may be used to specify discount taken.
Notes:	*There is one RMR loop for each payment request against an ASAP account. There must be at least one RMR loop within each ENT loop.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**RMR01**	**128**	**Reference Number Qualifier**	**X**	**ID**	**2/2**
			Code qualifying the Reference Number.			
		11	Account Number			
			Number identifies a telecommunications industry account			
Must Use	**RMR02**	**127**	**Reference Number**	**X**	**AN**	**1/30**
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
			Contains the ASAP Account ID (20 positions).			
Not Used	**RMR03**	**482**	**Payment Action Code**	**O**	**ID**	**2/2**
			Code specifying the type of accounts receivable open item(s) to be included in a cash application.			
Must Use	**RMR04**	**782**	**Monetary Amount**	**O**	**R**	**1/15**
			Monetary amount			
			The actual payment for the request against the ASAP Account ID in RMR02 for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.			
Must Use	**RMR05**	**777**	**Total Invoice or Credit/Debit Amount**	**O**	**R**	**1/15**
			Amount of Invoice (including charges, less allowances) before terms discount (if discount is applicable) or debit amount or credit amount of			

referenced items.

Contains the amount requested from the ASAP Account in RMR02 for the Recipient Organization in ENT07 from the Federal Program Agency in ENT04.

Not Used	RMR06	780	**Amount of Discount Taken**	O R 1/15

Amount of discount taken, which may be less than or equal to the amount of discount permitted

Segment:	**REF** Reference Numbers
Position:	170
Loop:	RMR Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	**1** At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*This REF segment must appear at least once but no more than twice for each RMR loop.*
	One occurrence of this REF segment must contain the Payment Request Item Number portion of the ASAP Sequence Number. This occurrence is required.
	The other occurrence is optional. It contains the Catalog of Federal Domestic Assistance (CFDA) number, an optional data element in ASAP.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

	IX	Item Number

Indicates that the Payment Request Item Number follows.

	ZZ	Mutually Defined

Indicates that the CFDA Number follows.

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF02**	**127**	**Reference Number**	**X AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

1. If REF01 is code IX, this element contains the Payment Request Item Number portion of the ASAP Sequence Number (6 positions).

2. If REF01 is code ZZ, this element contains the Catalog of Federal Domestic Assistance (CFDA) number (5 positions).

	Ref. Des.	Data Element	Name	Attributes
Not Used	**REF03**	**352**	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**IT1** Baseline Item Data (Invoice)	
Position:	190	
Loop:	IT1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions	
Syntax Notes:	**1** If IT106 is present, then IT107 is required.	
	2 If IT108 is present, then IT109 is required.	
	3 If IT110 is present, then IT111 is required.	
	4 If IT112 is present, then IT113 is required.	
	5 If IT114 is present, then IT115 is required.	
	6 If IT116 is present, then IT117 is required.	
	7 If IT118 is present, then IT119 is required.	
	8 If IT120 is present, then IT121 is required.	
	9 If IT122 is present, then IT123 is required.	
	10 If IT124 is present, then IT125 is required.	
Semantic Notes:	**1** IT101 is the purchase order line item identification.	
Comments:	**1** Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.	
	2 IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	IT101	350	**Assigned Identification**	**O AN 1/11**
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	IT102	358	**Quantity Invoiced**	**M R 1/10**
			Number of units invoiced (supplier units)	
			This field is always equal to 1.	
Must Use	IT103	355	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			DQ Data Records	
			Number of Data Records handled	
Must Use	IT104	212	**Unit Price**	**M R 1/14**
			Price per unit of product, service, commodity, etc.	
Not Used	IT105	639	**Basis of Unit Price Code**	**O ID 2/2**
			Code identifying the type of unit price for an item	
Must Use	IT106	235	**Product/Service ID Qualifier**	**O ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

        A3   Locally Assigned Control Number

                Item identifier is a locally assigned control number used to catalog and manage material

Must Use	**IT107**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT108**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT109**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT110**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT111**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT112**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT113**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT114**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT115**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT116**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT117**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT118**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT119**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT120**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT121**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT122**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT123**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Not Used	**IT124**	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	**IT125**	**234**	**Product/Service ID**	**X**	**AN 1/30**

Identifying number for a product or service

Segment:	**SE** Transaction Set Trailer	
Position:	010	
Loop:		
Level:	Summary	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Contains the Entry Detail Sequence portion of the ACH Trace Number (7 positions). Must equal the value in data element ST02.	